

ABSTRACT OF THE DISCLOSURE

5 A tracking error signal generation device includes
a splitting and convergence section for splitting an optical
beam into a main beam and a sub beam; a two-portion main
beam detection section for detecting the main beam; a main
beam push-pull signal generation section for generating a
main beam push-pull signal; a two-portion sub beam detection
10 section for detecting the sub beam; a sub beam push-pull
signal generation section for generating a sub beam push-pull
signal; a displacement amount detection section for detecting
a displacement amount of the main beam push-pull signal from
a reference value based on the main beam push-pull signal
and the sub beam push-pull signal; and a tracking error signal
15 generation section for generating a tracking error signal
by correcting either the main beam push-pull signal or the
sub beam push-pull signal based on the displacement amount.